ATTORNEY'S DOCKET NUMBER U.S. DEPARTMENT OF COMMERCE PATENT'AND TRADEMARK OFFICE **GELLERFORS2** TRANMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/048234 **CONCERNING A FILING UNDER 35 U.S.C. 371** PRIORITY CLAIMED INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. 27 July 1999 27 July 2000 PCT/DK00/00425 TITLE OF INVENTION PRODUCTION FOR rhPBGD AND NEW THERAPEUTIC METHODS FOR ... APPLICANT(S) FOR DO/EO/US P. GELLERFORS et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. [xx] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. [ ] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. [xx] This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. [xx] The US has been elected in a Demand by the expiration of 19 months from the priority date (PCT Article 31). 5. [xx] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [ ] is attached hereto (required only if not transmitted by the International Bureau). b. [xx] has been communicated by the International Bureau. c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US). 6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 7. [xx] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. [ ] are transmitted herewith (required only if not transmitted by the International Bureau). b. [xx] have been communicated by the International Bureau. c. [ ] have not been made; however, the time limit for making such amendments has NOT expired. d. [ ] have not been made and will not be made. 8. [xx] A copy of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. [ ] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). [10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: 11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. [ ] An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. [xx] A FIRST preliminary amendment. | | A SECOND or SUBSEQUENT preliminary amendment. 14. [ ] A substitute specification. 15. [ ] A change of power of attorney and/or address letter. 16. [xx] Other items or information: [xx] Courtesy copy of the International Application as filed. [xx] Courtesy copy of the first page of the International Publication (WO 01/07065). [xx] Courtesy copy of the International Preliminary Examination Report with annexes containing pages 8, 9, 103, 112, 119,120,126, 127 and 129-131 to be substituted for original specification pages 8, 9, 103, 112, 119, 120, 126, 127 and 129-131 and claims 1-11 to be substituted for original claims 1-57 and drawing sheets 38/49-49/49 to be substituted for original sheets 38/49-49/49 for examination in this case. [xx] Drawings, 49 sheets, Figures 1-49. [xx] Courtesy Copy of the International Search Report. ] Applicant claims small entity status. See 37 CFR 1.27. [xx] The application is (or will be) assigned to: HEMEBIOTECH A/S, whose address is 12 C, DK-3400 Hillerød, Denmark.

| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)   | APPLICATION NO. (If known see 37 CFR 1.5) International Application No.   |   | Attorney's Docket No.                 |   |                                      |
|---|---|---|---------------------------------------|---|--------------------------------------|
| 111/18234   | 1U/U48234 PCT/DK00/00425  |   |                                       | GELLERFOR   | S2                                   |
| 10/040224   |   |   |                                       |   |                                      |
| 17. [xx] The following fees are submitted:  |   |   |                                       | CALCULATIONS PTQ USE ONLY   |                                      |
| BASIC NATIONAL FEE (37 CFR 1.49   |   |   |                                       |   |                                      |
| Neither international preliminary examination fee (37 CFR 1.482)  |   |   |                                       |   |                                      |
| intermetional search fee (37 CFR 1 445(aV2)) paid to USP10  |   |   |                                       |   |                                      |
| and International Search Report not pre   |   | į.  |                                       |   |                                      |
|   |   |   |                                       |   |                                      |
| International preliminary examination   |   |   |                                       |   |                                      |
| USPTO but International Search Report prepared by the EPO or JPO\$890.00  |   |   |                                       |   |                                      |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  |   |   |                                       |   |                                      |
| international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$740.00   |   |   |                                       |   |                                      |
|   |   |   |                                       |   |                                      |
| International preliminary examination fee paid to USPTO (37 CFR 1.482)  |   |   |                                       |   |                                      |
| but all claims did not satisfy provisions   |   |   |                                       |   |                                      |
| 1   |   |   |                                       |   |                                      |
| International preliminary examination fee paid to USPTO (37 CFR 1.482)  |   |   |                                       | · .   |                                      |
| and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00  |   |   |                                       | <b>!</b>  |                                      |
|   |   |   |                                       | \$ 890.00   |                                      |
| ENTER APPROPRIATE BASIC FEE AMOUNT =  |   |   |                                       | <u> </u>  |                                      |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [XX] 30  |   |   |                                       | \$ 130.00   |                                      |
| months from the earliest claimed priority date (37 CFR 1.492(e)).   |   |   |                                       |   |                                      |
| Claims as Originally Presented  | Number Filed  | Number Extra  | Rate                                  | -   |                                      |
| Total Claims  | 11 - 20   | 0   | X \$18.00                             | \$  |                                      |
| Independent Claims  | 5 - 3   | 2   | X \$84.00                             | \$ 168.00   |                                      |
| Multiple Dependent Claims (if applicable) +\$280.00   |   |   | \$ *                                  |   |                                      |
| TOTAL OF ABOVE CALCULATIONS =   |   |   |                                       | \$1,188.00  | <u> </u>                             |
| Claims After Post Filing Prel. Amend  | Number Filed  | Number Extra  | Rate                                  |   |                                      |
| Total Claims  | 17 - 20   |   | X \$18.00                             | \$  |                                      |
| Independent Claims  | 6 - 5   | 1   | X \$84.00                             | \$ 84.00  |                                      |
| TOTAL OF ABOVE CALCULATIONS =   |   |   |                                       | \$1,272.00  |                                      |
| Reduction of ½ for filing by small entity, if applicable. Applicant claims small entity   |   |   |                                       | \$  |                                      |
| status. See 37 CFR 1.27.  | y, ii application 11  | PP  | ,                                     |   |                                      |
| status. See 37 CTR 1.27.  |   | SUBTO   | TAL =                                 | \$1,272.00  |                                      |
| Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30  |   |   |                                       | \$  |                                      |
| months from the earliest claimed priority date (37 CFR 1.492(f)).   |   |   |                                       |   |                                      |
| TOTAL NATIONAL FEE =  |   |   |                                       | \$1,272.00  |                                      |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  |   |   |                                       | \$  |                                      |
| assembly on appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property +   |   |   |                                       |   |                                      |
| TOTAL FEES ENCLOSED = \$1,272.00  |   |   |                                       |   |                                      |
| * Multiple Dependency of original claims eliminated by amendment before   |   |   |                                       | Amount to be:   | \$                                   |
|   |   |   |                                       | refunded  |                                      |
| fees paid   |   |   |                                       |   | <b>  \$</b>                          |
| a. [ ] A check in the amount of \$ to cover the above fees is enclosed.   |   |   |                                       |   |                                      |
|   | to co   | ver the above fees i  | s enclosed.                           | charged   | Ψ                                    |
| a. [ A check in the amount of 3   | to co   | ver the above fees i  | s enclosed.<br>e amount of \$         | 1,272.00  | , is attached.                       |
| b [XX] Credit Card Payment Form (   | PTO-2038), author   | izing payment in th   | s enclosed.<br>e amount of \$         |   | , is attached.                       |
| b. [XX] Credit Card Payment Form () c. [ ] Please charge my Deposit Acc   | PTO-2038), author ount No. <b>02-4035</b>   | izing payment in th<br>in the amount of \$_   | e amount of \$                        | 1,272.00<br>to cover the above fees   | _, is attached.                      |
| b. [XX] Credit Card Payment Form () c. [ ] Please charge my Deposit Acc A duplicate copy of this sheet  | PTO-2038), author ount No. <b>02-4035</b> is enclosed. authorized to char   | izing payment in th<br>in the amount of \$_<br>ge any additional fo   | e amount of \$ees which may           | 1,272.00<br>to cover the above fees   | _, is attached.                      |
| b. [XX] Credit Card Payment Form () c. [ ] Please charge my Deposit Acc   | PTO-2038), author ount No. <b>02-4035</b> is enclosed. authorized to char   | izing payment in th<br>in the amount of \$_<br>ge any additional fo   | e amount of \$ees which may           | 1,272.00<br>to cover the above fees   | _, is attached.                      |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc<br>A duplicate copy of this sheet<br>d. [XX] The Commissioner is hereby<br>to Deposit Account No. 02-40   | PTO-2038), author ount No. <b>02-4035</b> is enclosed. authorized to char <b>135</b> . A duplicate co   | izing payment in the<br>in the amount of \$_<br>ge any additional for<br>ppy of this sheet is o   | e amount of \$ ees which mayenclosed. | 1.272.00<br>to cover the above fees<br>be required, or credit an  | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time   | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 035. A duplicate of elimit under 37 C  | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1.272.00<br>to cover the above fees<br>be required, or credit an  | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc<br>A duplicate copy of this sheet<br>d. [XX] The Commissioner is hereby<br>to Deposit Account No. 02-40   | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 035. A duplicate of elimit under 37 C  | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1.272.00<br>to cover the above fees<br>be required, or credit an  | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time (b)) must be filed and granted to res   | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 035. A duplicate of elimit under 37 C  | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1.272.00<br>to cover the above fees<br>be required, or credit an  | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time   | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 035. A duplicate of elimit under 37 C  | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1.272.00<br>to cover the above fees<br>be required, or credit an  | , is attached.                       |
| b. [XX] Credit Card Payment Form () c. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time (b)) must be filed and granted to res  SEND ALL CORRESPONDENCE TO:  | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 035. A duplicate of the limit under 37 Core the application.                       | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1.272.00 to cover the above fees be required, or credit an met, a petition to revive                                      | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time (b)) must be filed and granted to res  SEND ALL CORRESPONDENCE TO:  BROWDY AND NEIMARK,   | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 35. A duplicate collimit under 37 C tore the application.                          | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1,272.00 to cover the above fees be required, or credit an met, a petition to revive SIGNATURE Iver P. Cooper             | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time (b)) must be filed and granted to res  SEND ALL CORRESPONDENCE TO:  BROWDY AND NEIMARK, 624 NINTH STREET, N.W.,                         | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 135. A duplicate of the limit under 37 C tore the application.  P.L.L.C. SUITE 300 | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1,272.00 to cover the above fees be required, or credit an met, a petition to revive SIGNATURE Iver P. Cooper NAME        | , is attached.                       |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40 NOTE: Where an appropriate time (b)) must be filed and granted to result SEND ALL CORRESPONDENCE TO:  BROWDY AND NEIMARK, 624 NINTH STREET, N.W., WASHINGTON, D.C. 20001 | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 135. A duplicate of the limit under 37 C tore the application.  P.L.L.C. SUITE 300 | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1,272.00 to cover the above fees be required, or credit an met, a petition to revive SIGNATURE Iver P. Cooper NAME 28,005 | y overpayment  2 (37 CFR 1.137(a) or |
| b. [XX] Credit Card Payment Form (C. [ ] Please charge my Deposit Acc A duplicate copy of this sheet d. [XX] The Commissioner is hereby to Deposit Account No. 02-40  NOTE: Where an appropriate time (b)) must be filed and granted to res  SEND ALL CORRESPONDENCE TO:  BROWDY AND NEIMARK, 624 NINTH STREET, N.W.,                         | PTO-2038), author ount No. 02-4035 is enclosed. authorized to char 135. A duplicate of the limit under 37 C tore the application.  P.L.L.C. SUITE 300 | izing payment in the in the amount of \$_ ge any additional for a pay of this sheet is our street in the control of the control | ees which may<br>enclosed.            | 1,272.00 to cover the above fees be required, or credit an met, a petition to revive SIGNATURE Iver P. Cooper NAME        | y overpayment  2 (37 CFR 1.137(a) or |